

**Paducah Gaseous Diffusion Plant  
Citizens Advisory Board  
Meeting Minutes  
July 15, 2004**

The July 15, 2004 Citizens Advisory Board (CAB) meeting was held at the CAB office in Paducah, Kentucky at 5:30 p.m.

**Board members present:** Richard Dyer, Barry Eadens, Vicki Jones, Chad Kerley, Ricky Ladd, Bobby Lee, Linda Long, Douglas Raper, John Russell, and Jim Smart

**Board members absent:** Byron Forbus, Rhonda McCorry, Dorothy Starr, and Bill Tanner

***Ex Officio* members and related regulatory agency employees present:** Gaye Brewer and Tuss Taylor, Kentucky Division of Waste Management; Tim Kreher, Kentucky Department of Fish and Wildlife Resources; and David Williams, U.S. Environmental Protection Agency

**Deputy Designated Federal Official present:** Rachel Blumenfeld for William Murphie

**DOE Federal Coordinator present:** David Dollins

**DOE-related employees present:** Tracey Brindley, Kim Crenshaw, Jim Ethridge, Greg Felts, Bruce Ford, Jill Freeman, Fraser Johnstone, Steve Kay, Kendra Payne, Bruce Phillips, Joe Tarantino, and Glenn VanSickle

**Public:** Ruby English, Charles Jurka, Vicki Jurka, and Ken Wheeler

## **Agenda**

Kay asked if there were any proposed modifications to the agenda. There were no modifications. **The Board adopted the agenda by consensus.**

## **Minutes**

Kay asked if there were any proposed modifications to the draft June minutes. There were no modifications. **The Board approved the minutes by consensus.**

## **Deputy Designated Federal Official's Comments**

### **Risk-Based End State**

Blumenfeld stated the U.S. Department of Energy (DOE) met with the Paducah Chamber of Commerce, the Greater Paducah Economic Development Council, Paducah Area Community Reuse Organization (PACRO), and several public officials regarding the Risk-Based End State (RBES) earlier that day.

### **Budget**

Blumenfeld stated the Fiscal Year (FY) 2005 Energy and Water Appropriations Bill was received in the Senate on July 6.

### **Environmental Safety and Health Issues**

Blumenfeld reported a Notice of Violation was received from the Kentucky Department for Environmental Protection Division of Water for chronic toxicity at Outfall 001. She said DOE is working to resolve this issue.

Blumenfeld reported a tractor and bush hog were left unattended within a cylinder yard during a lunch break. The incident was determined to be a violation of the facility Technical Safety Requirements Combustible Material Control Program.

Blumenfeld stated a hydraulic line ruptured in the operating cell of the C-746-U Landfill. Approximately 30 gallons of oil was lost, which exceeds the state reportable quantity.

### **Progress of the Paducah Project**

Blumenfeld reported June progress as follows:

- Scrap Metal Removal project disposed 16 tons of scrap metal in the C-746-U Landfill and shipped 743 tons to the Nevada Test Site (NTS). 6,600 tons have been disposed over the project life.

- C-400 Source Removal Proposed Remedial Action Plan (PRAP) public comment period ends July 16, 2004. Fieldwork for the S&T Landfill Investigation began on June 21. August 3 is the Federal Facilities Agreement milestone to submit the Record of Decision.
- 6,500 ft<sup>3</sup> of DOE Material Storage Area (DMSA) material was characterized in June. Aggressive disposal is ongoing with 117,500 ft<sup>3</sup> disposed over the project life.
- The Legacy Waste Disposition project has disposed of approximately 4,662 ft<sup>3</sup> of solid waste in the C-746-U Landfill. The project completed shipments of 10,065 ft<sup>3</sup> of waste to Envirocare.
- 47 of 68 remedial units of Section 1 of the North-South Diversion Ditch have been excavated. The project is expected to be completed by the end of August.
- DOE has completed the shipment of 11 Hydrogen Fluoride tanks to NTS for disposal. Fluorine cell blasting is ongoing at the C-410 Decontamination and Decommissioning complex and four fluorine cells were shipped to ToxCo on July 14.
- 8,275 tons of non-hazardous solid waste was disposed in the C-746-U Landfill. The permit modification to allow for disposal of non-hazardous spill cleanup residue is pending.
- Groundbreaking for the Depleted Uranium Hexafluoride Conversion Facility is scheduled for the last week of July, pending the Record of Decision issuance.

## **Comments**

Russell inquired about the Legacy Waste Disposition chart indicating no work being completed between FY04 and FY05. VanSickle stated the schedule is based on the plan for available funding. The regulatory milestones in the Agreed Order and the Federal Facilities Agreement receive priority over other projects and will currently use all of the available funding for FY05. He said if congressional appropriations are higher, then legacy waste will receive a higher disposal rate. Russell requested a scale break insertion added to the chart when months are changed to years. Blumenfeld agreed.

## **Ex-Officio Comments**

### **Commonwealth of Kentucky**

Taylor reported the Commonwealth of Kentucky is currently reviewing the Surface Water Operable Unit (SWOU) Sampling and Analysis Plan (SAP) and will be providing comments to DOE. He said the Commonwealth of Kentucky newsletter would be issued soon and he will provide the web address to the Board the following week.

## **U.S. Environmental Protection Agency**

Williams stated the U. S. Environmental Protection Agency (EPA) has issued comments on the SWOU SAP. He said a copy of EPA's Resource Conservation and Recovery Act (RCRA) Handbook has been provided to the Board. He stated EPA also has an eight hour RCRA course.

Williams stated EPA does not have a national standpoint regarding RBES. He said there are a great deal of variances the Commonwealth of Kentucky will have to address. He said EPA would support RBES if it complies with the law.

## **Kentucky Department of Fish and Wildlife Resources**

Kreher announced Pendley had resigned from the Kentucky Department of Fish and Wildlife Resources. He said Wayne Davis has appointed Mike Hardin as the new ex-officio for the Board effective August 1.

## **Federal Coordinator Comments**

Dollins reported letters have been sent to community leaders to solicit applicants for Board membership. He said all applicants would be evaluated and ranked for the membership pool.

Dollins stated the contract with an 8(A) Small Business for the Citizens Advisory Board (CAB) support services will be in place by the end of September.

## **Recommendation**

Dollins said the Board had submitted Recommendation 04-01 to DOE in May, requesting additional sampling within the Southwest Plume Site Investigation SAP. He said based on the inspection of the storm sewer video, DOE and the Water Quality task force have agreed that the integrity of the pipeline is still intact and online monitoring is not necessary.

Russell asked if the SAP would be modified since it has been established that the pipeline is not leaking. Dollins said any modification would have to be approved by the regulators. Brewer said that portion of the SAP has been completed.

## **Public Comments and Questions**

English stated Active Citizens for Truth (ACT) would like to accept the invitation for DOE to meet with them concerning RBES. She said ACT has not received a response whether or not Murphie is considering that meeting. Blumenfeld said if a response was issued to DOE requesting a meeting regarding RBES, DOE will be responding and a meeting will be provided. English stated she felt DOE catered to the business community

and not to plant neighbors. Blumenfeld stated letters were sent to community interest organizations as well as businesses.

Jurka said she is concerned that DOE's method of notification is not working. She said DOE has been asked to develop an interested party list. Blumenfeld stated the notification for the public meeting complied with legal requirements. She requested that Dollins follow up with Greg Cook to add English and Jurka to the interested party list.

## **Task Forces/Presentations**

### **Waste Disposition Task Force**

Russell said the Waste Disposition task force is working towards a C-746-U Landfill presentation in November.

### **Burial Grounds Operable Unit**

Russell presented a review of the Burial Grounds Operable Unit (BGOU).

Ladd said a worker experienced fumes during a drilling release on Solid Waste Management Unit 4 two or three years ago. He asked what the fumes were determined to be and if any additional sampling was conducted in that area. Dollins said he would research the issue.

### **Water Quality Task Force**

Lee said the CAB supports the utilization of direct heating technology for the source removal of trichloroethylene in the C-400 area, however, after the implementation of the Three-Phase heating, the remedial action will be terminated when recovery of volatile organic compounds (VOC) approach an asymptote. She stated the Board is concerned that field application of the technology may be prematurely terminated and contaminate rebounding may occur over time in the C-400 area. Lee stated a draft recommendation requesting that DOE incorporate plans within the scheduled C-400 field application to accommodate possible future contaminate rebounding effect is provided in the Board packet. She said the Board also endorses this recommendation to be included as public comment into the PRAP for VOC Contamination at the C-400 Building. **The Board approved the recommendation by consensus.**

Lee said Dollins had responded to the Board concerning Recommendation 04-01, (Revision 1) requiring additional sampling within the Southwest Plume Site Investigation SAP. Dollins said based on the inspection of the storm sewer video, DOE and the Water Quality task force have agreed that the integrity of the pipeline is still intact and online monitoring is not necessary. Smart asked if a written response would be issued to the Board. Dollins said the response was verbal. He said the CAB meeting minutes would serve as the DOE response for record keeping purposes. Smart requested a written response from DOE. Blumenfeld said the request would be considered.

Lee stated the Water Quality task force received education on the McNairy and an update on the Southwest Plume and C-746-S&T Site Investigations.

### **Long Range Strategy/Stewardship**

Kerley stated the Long-Range Strategy/Stewardship task force would have a presentation on the Decontamination and Decommissioning project in August.

Kerley said the task force discussed eligibility and funding for participation in the Paducah Area Community Reuse Organization's proposal for an independent study of the plant.

### **Operating Procedures and Bylaws**

Kerley provided a draft of the CAB's revised Operating Procedures and Bylaws and explained the proposed changes. He said comments are due to the support staff by August 9 and the Board would vote on the revisions at the August Board meeting. Blumenfeld requested a redline strike out version of the draft emailed to Dollins and herself.

### **Community Outreach**

Lee stated upon Becky Lambert's resignation from the Board, she had been elected Chair of the Community Outreach task force.

Lee reported the task force is working on a draft web site that focuses on community involvement.

Lee said Jurka presented ACT's garden vegetable study to the task force. She said the results of the study would be released at a public meeting held in the Fall.

Lee reported a new community survey is being developed and will be presented to the Board in August.

### **Administrative Issues**

### **Review of Workplan**

Kay asked if there were any additions to the Workplan. Smart asked for the University of Kentucky Environmental Research Consortium presentation by Steve Hampson be added as a placeholder in August.

## **Review of August Agenda**

Kay asked if there were any proposed modifications to the agenda. Smart asked for the University of Kentucky Environmental Research Consortium presentation by Steve Hampson be added as a placeholder on the August agenda.

## **Action Items**

Kay reported that all action items are closed except for the preparation of the Risk Assessment Workshop.

## **Subcommittee Reports**

### **Executive Committee**

Long stated the Membership Ad Hoc subcommittee met on July 14 to begin preparation for a membership drive. She said five ads were placed in various newspapers and letters were sent to several businesses and community organizations to solicit applicants for Board membership. She stated applications would be accepted through August 20. Long said the next meeting will be held on August 25. Payne encouraged all members to participate in the recruitment for Board membership.

Long said the Nominations Ad Hoc subcommittee will be formed to gather nominations for Chair and Chair Elect. Raper and Kerley have volunteered to serve on this subcommittee.

Payne announced 10 reappointment letters would be mailed the following week to the members whose terms expire in November.

The meeting adjourned at 8:10 p.m.